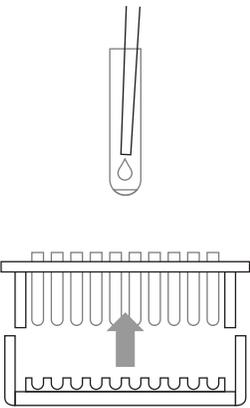
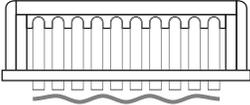
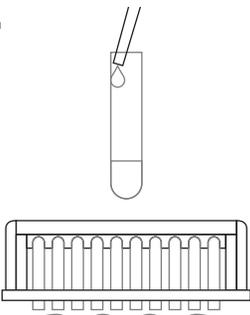
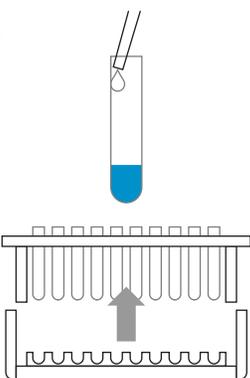
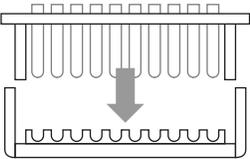
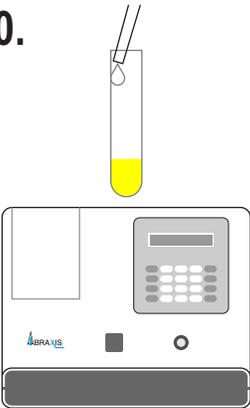


# ATRAZINE DETAILED FLOWCHART

<p><b>1.</b></p>  <p>Remove upper rack from magnetic base. Label test tubes for Standards, Control, and Samples.</p> <table border="1"> <thead> <tr> <th>Tube #</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1,2</td> <td>Diluent/Zero, 0 ppb</td> </tr> <tr> <td>3,4</td> <td>Standard 1, 0.1 ppb</td> </tr> <tr> <td>5,6</td> <td>Standard 2, 1.0 ppb</td> </tr> <tr> <td>7,8</td> <td>Standard 3, 5.0 ppb</td> </tr> <tr> <td>9,10</td> <td>Control</td> </tr> <tr> <td>11,12</td> <td>Sample 1</td> </tr> <tr> <td>13,14</td> <td>Sample 2</td> </tr> <tr> <td>15,16</td> <td>Sample 3</td> </tr> </tbody> </table> <p>Add 200 or 250 <math>\mu</math>L of either Standards, Control or Samples to the bottom of each test tube by inserting the pipette tip all the way into the bottom of the tube without touching the sides of the tube.</p>	Tube #	Content	1,2	Diluent/Zero, 0 ppb	3,4	Standard 1, 0.1 ppb	5,6	Standard 2, 1.0 ppb	7,8	Standard 3, 5.0 ppb	9,10	Control	11,12	Sample 1	13,14	Sample 2	15,16	Sample 3	<p><b>6.</b></p>  <p><b>Do not</b> separate upper rack from lower base. Using a smooth motion, <i>invert</i> the combined rack assembly over a sink and pour out the tube contents; keep inverted and <b>gently blot</b> the test tube rims on several layers of paper toweling.</p>
Tube #	Content																		
1,2	Diluent/Zero, 0 ppb																		
3,4	Standard 1, 0.1 ppb																		
5,6	Standard 2, 1.0 ppb																		
7,8	Standard 3, 5.0 ppb																		
9,10	Control																		
11,12	Sample 1																		
13,14	Sample 2																		
15,16	Sample 3																		
<p><b>2.</b></p>  <p>Add 250 <math>\mu</math>L of Atrazine Enzyme Conjugate down the inside wall of each tube by using the technique described in Box 2. Vortex for 1 to 2 seconds (at low speed to minimize foaming).</p>	<p><b>7.</b></p>  <p>Add 1 mL of Washing Solution down the inside wall of each tube by using the technique described in Box 2. Wait 2 minutes. Using a smooth motion, invert the combined rack assembly over a sink and pour out the tube contents: keep inverted and <b>gently blot</b> the test tube rims on several layers of paper toweling. Repeat this step.</p>																		
<p><b>3.</b></p>  <p>Add 500 <math>\mu</math>L of thoroughly mixed Atrazine Antibody Coupled Magnetic Particles down the inside wall of each tube by using the technique described in Box 2. Vortex for 1 to 2 seconds (at low speed to minimize foaming).</p>	<p><b>8.</b></p>  <p>Lift the upper rack (with its tubes) off the magnetic base; add 500 <math>\mu</math>L of Color Reagent down the inside wall of each tube by using the technique described in Box 2. Vortex for 1 to 2 seconds (at low speed to minimize foaming).</p>																		
<p><b>4.</b></p>  <p>Incubate 15 minutes at room temperature (15° - 30°C).</p>	<p><b>9.</b></p>  <p>Incubate for 20 minutes at room temperature (15° - 30° C). During this period, add 1 mL of Washing Solution into a clean tube for use as an instrument blank in Step 10.</p>																		
<p><b>5.</b></p>  <p>Combine the upper rack with the magnetic base; press all tubes into base; allow 2 minutes for the particles to separate.</p>	<p><b>10.</b></p>  <p>Add 500 <math>\mu</math>L of Stopping Solution down the inside wall of each tube by using the technique previously described. Read results at 450 nm within 15 minutes after adding the Stopping Solution. Multiply results of samples by the appropriate dilution factor (if any).</p> <p><b>[Safety Caution:</b> Stopping Solution contains diluted sulfuric acid.]</p>																		

For Ordering or Technical Assistance Contact:

ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974 Atrazine Magnetic Particle Kit Part # 500001, 100 Test  
215-357-3911 Fax: 215-357-5232

# ATRAZINE CONCISE FLOWCHART

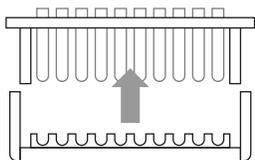
1.



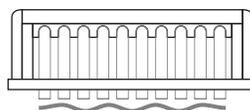
Separate the rack.

Add 200 or 250  $\mu$ L of either Standards, Control or Samples to the bottom of each test tube.

**NOTE:** Same chosen volume should be added for standards and samples.



6.



Invert the combined rack.

Blot **gently**.

7.



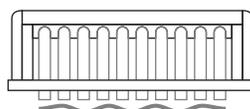
Add 1 mL of Washing Solution.

Wait 2 minutes.

Invert the combined rack.

Blot **gently**.

Repeat this step.



2.



Add 250  $\mu$ L of mixed Atrazine Enzyme Conjugate to each test tube.

Vortex.

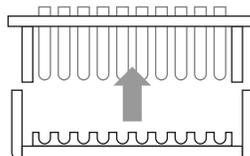
8.



Separate the rack.

Add 500  $\mu$ L of Color Reagent to each test tube.

Vortex.



3.



Add 500  $\mu$ L of mixed Magnetic Particles to each test tube.

Vortex.

9.



Incubate for 20 minutes.

Prepare blank.

4.



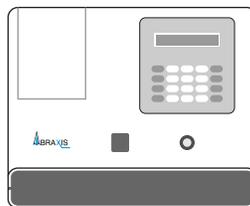
Incubate for 15 minutes.

10.

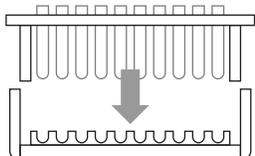


Add 500  $\mu$ L of Stopping Solution to each test tube.

Read OD 450



5.



Combine the rack and magnetic base.

Seat all tubes.

Wait 2 minutes.

For Ordering or Technical Assistance Contact:

ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974 Atrazine Magnetic Particle Kit Part # 500001, 100 Test  
Phone: 215-357-3911 Fax: 215-357-5232